

Converting Colors

YIQ(216.0880, -14.6270, 6.2770)

Have a look what the booklet for
YIQ(216.0880, -14.6270, 6.2770)
contains.

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Color

**YIQ(216.0880, -14.6270,
6.2770)**

Conversions

Conversions Part 1

Format	Color
Hex	CED8F3
RGB	206, 216, 243
RGB Percent	81%, 85%, 95%
CMY	0.1922, 0.1529, 0.0471
CMYK	0.15, 0.11, 0.00, 0.05
HSL	224°, 61%, 88%
HSV	224°, 15%, 95%
XYZ	66.1847, 68.7053, 94.5512
YIQ	216.0880, -14.6270, 6.2770

Conversions

Conversions Part 2

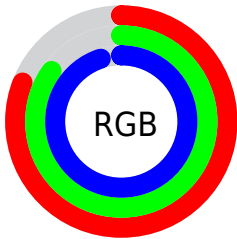
Format	Color
R _Y B	206, 214, 243
Decimal	13555955
CIE Lab	86.36, 1.98, -14.33
CIE LCh	86, 14.466, 277.860
Yxy	68.7053, 0.2885, 0.2994
Android (android.graphics.Color)	4291746035 (0xFFCED8F3)
YUV	216.0880, 13.2676, -8.8472
Hunter-Lab	82.8887, -2.5271, -9.6101

Details

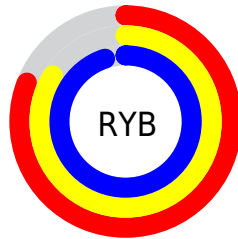
The YIQ color $216.0880, -14.6270, 6.2770$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $232.9120, 14.6270, -6.2770$, and the grayscale version is $216.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $160.9740, -14.3060, 5.9660$ is the 20% darker color. If you saturate the color by 10%, you get $198.3460, -23.9810, 10.6030$, and if you desaturate by 10%, it is $233.8300, -5.2730, 1.9510$.

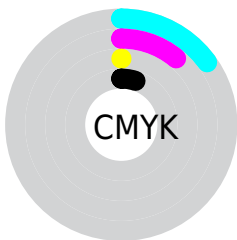
Distribution



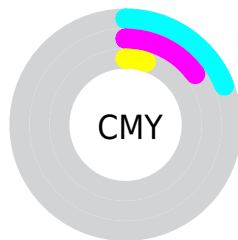
- Red (81%)
- Green (85%)
- Blue (95%)



- Red (81%)
- Yellow (84%)
- Blue (95%)



- Cyan (15%)
- Magenta (11%)
- Yellow (0%)
- Black (5%)



- Cyan (19%)
- Magenta (15%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 216.0880, -14.6270, 6.2770 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 216.0880, -14.6270, 6.2770 by changing the saturation by 10% instead.

■ 216.0880,
-14.6270, 6.2770

■ 216.0880,
-14.6270, 6.2770

255.0000, -0.0000,
-0.0000

■ 188.0880,
-14.6270, 6.2770

■ 160.9740,
-14.3060, 5.9660

■ 134.8600,
-13.9850, 5.6550

■ 109.7460,
-13.6640, 5.3440

■ 85.5180, -13.0220,
4.7220

■ 61.5180, -13.0220,
4.7220

■ 39.9910, -12.9760,

3.8880

■ 18.5780, -13.2510,
3.3650

■ 2.6390, -6.0530,
5.0750

■ 216.0880,
-14.6270, 6.2770

■ 216.0880,
-14.6270, 6.2770

■ 198.3460,
-23.9810, 10.6030

■ 233.8300, -5.2730,
1.9510

■ 180.8920,
-34.2060, 14.1940

■ 251.2840, 4.9520,
-1.6400

■ 163.1500,
-43.5600, 18.5200

■ 253.6320, 3.8520,
-3.7320

■ 145.4080,
-52.9140, 22.8460

■ 127.6660,
-62.2680, 27.1720

■ 110.2120,
-72.4930, 30.7630

■ 92.4700, -81.8470,
35.0890

■ 74.7280, -91.2010,
39.4150

■ 66.4440, -96.1530,
41.0550

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



213.7230, -24.0250, 0.3830



216.0880, -14.6270, 6.2770



217.6660, -1.5150, 10.9410

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



216.0880, -14.6270, 6.2770



218.1510, 24.6200, 5.3560



211.9780, -12.1020, -11.9580

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



216.0880, -14.6270, 6.2770



232.9120, 14.6270, -6.2770

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



213.4480, 1.1940, -10.6300



216.0880, -14.6270, 6.2770



217.0810, 21.6410, -1.2310

Square

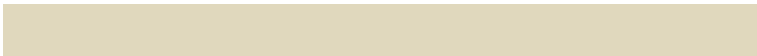
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



216.0880, -14.6270, 6.2770



219.0460, 20.7220, 9.9220



215.3140, 13.4350, -6.7010



211.1710, -22.8310, -10.2470

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



216.0880, -14.6270, 6.2770



218.6840, 7.2420, 11.9300



215.3140, 13.4350, -6.7010



213.0170, -7.8380, -12.1420

Sweetspot

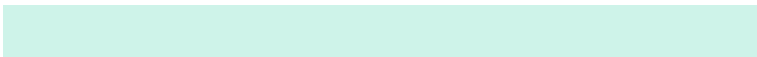
The Sweet Spot groups the original color and five complimentary colors.



216.0880, -14.6270, 6.2770



245.8300, -5.2730, 1.9510



230.7970, -18.8420, -10.9540



122.0860, -3.1180, 1.4420



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



216.0880, -14.6270, 6.2770



221.8750, -18.3410, 7.5070



212.6100, -7.1090, 13.2030



113.1290, -4.6770, 2.1630



50.5540, -73.4560, 31.6960



16.1180, -23.3390, 9.9810

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



218.2030, 18.8420, 10.9540



224.2360, 23.2430, 13.7950



236.3900, 7.1090, -13.2030



113.9300, 6.1890, 3.4770



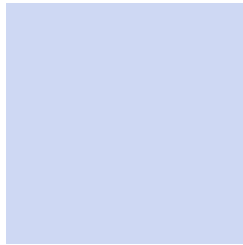
61.3140, 94.8060, 54.9820



19.4650, 30.0280, 17.4840

Previews

White Background



This preview shows how the YIQ color 216.0880, -14.6270, 6.2770 looks on a white background.

Color Contrast Check

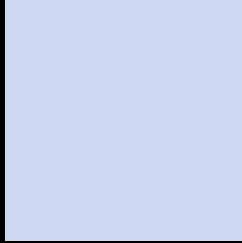
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 216.0880, -14.6270, 6.2770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

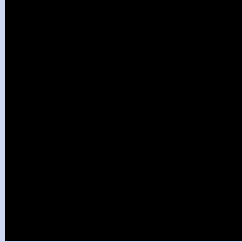
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 216.0880, -14.6270, 6.2770

Background



This preview shows how black text looks on a background with the YIQ color 216.0880, -14.6270, 6.2770.

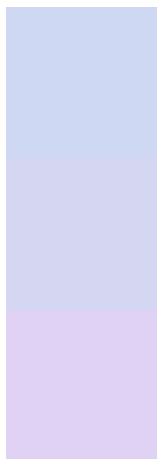


This preview shows how white text looks on a background with the YIQ color 216.0880, -14.6270, 6.2770.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

216.0880, -14.6270, 6.2770

Protanopia

216.5940, -10.1800, 8.2840

Deuteranopia

218.0620, -2.5700, 13.5420



Tritanopia

215.4640, -12.9300, 3.0540

Trichromacy



Original Color

216.0880, -14.6270, 6.2770

Protanomaly

216.5830, -11.6470, 7.3370

Deuteranomaly

217.1430, -7.2920, 11.0120

Tritanomaly

215.8060, -13.8930, 3.9870

Monochromacy



Original Color

216.0880, -14.6270, 6.2770

Achromatopsia

216.0000, -0.0000, 0.0000

Achromatomaly

215.9440, -5.5940, 2.2620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 216.0880, -14.6270, 6.2770 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(206, 216, 243)` looks like.

```
.text, #text, p{  
    color:rgb(206, 216, 243)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(206, 216, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 216, 243) }
```

Border

The CSS property to change the border of an element to YIQ 216.0880, -14.6270, 6.2770 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(206, 216, 243) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(206, 216, 243) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(206, 216, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 216, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 216, 243);  
box-shadow:4px 4px 4px 4px rgb(206, 216,  
243) }
```

Background

The CSS property to change the background color of an element to YIQ 216.0880, -14.6270, 6.2770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 216, 243) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(206,  
216, 243) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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